



United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report & Chain of Custody Record

(For Inorganic CLP Analysis)

SAS No.
(if applicable)

Case No.

17700

1. Project Code NA	Account Code	2. Region No. 6	Sampling Co. NMED	4. Date Shipped 1/23/92	Carrier FED EXPRESS	6. Preservative (Enter in Column D) 1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. K2CR2O7 6. Ice only 7. Other (SAS) (Specify) N. Not preserved	7. Sample Description (Enter in Column A) 1. Surface Water 2. Ground Water 3. Leachate 4. Rinsate 5. Soil/Sediment 6. Oil (SAS) 7. Waste (SAS) 8. Other (SAS) (Specify)					
Regional Information		Sampler (Name) Susan A Morris		Airbill Number 0627899366								
Non-Superfund Program —		Sampler Signature <i>Susan A Morris</i>		5. Ship To Diana Smedra Natural Resources Lab 409 Corporate Circle Golden, Colorado 80401								
Site Name Gulton Industries		4. Type of Activity Remedial Removal SF Lead Pre-Remedial RIFS <input type="checkbox"/> CLEM <input type="checkbox"/> PRP PA <input type="checkbox"/> RD <input type="checkbox"/> REMA <input type="checkbox"/> ST SSI <input checked="" type="checkbox"/> RA <input type="checkbox"/> REM <input type="checkbox"/> FED LSI <input type="checkbox"/> O&M <input type="checkbox"/> OIL <input type="checkbox"/> NPLD <input type="checkbox"/> UST <input type="checkbox"/>										
City, State Albq. New Mexico	Site Spill ID											
CLP Sample Numbers (from labels)	A Enter # from Box 7	B Conc. Low Med High	C Sample Type: Comp./ Grab	D Preservative from Box 6	E - RAS Analysis Metals Low Conc. High Total Dissolved Cyanide Nitrate/Nitrite Fluoride pH Conductivity		F Regional Specific Tracking Number or Tag Numbers	G Station Location Number	H Mo/Day/Year/Time Sample Collection	I Sampler Initials	J Corresp. CLP Org. Samp. No.	K Designated Field QC
MFQ326	5	L	G	6	✓	✓				01/22/92/1450	SAM	—
MFQ327	5	L	G	6	✓	✓				01/22/92/1450	SAM	—
MFQ328	5	L	G	6	✓	✓				01/22/92/1446	SAM	—
MFQ335	5	L	G	6	✓	✓				01/22/92/1515	SAM	—
MFQ336	5	L	G	6	✓	✓				01/22/92/1520	SAM	—
MFQ329	5	L	G	6	✓	✓				01/22/92/1435	SAM	—
MFQ330	5	L	G	6	✓	✓				01/22/92/1420	SAM	—
MFQ337	5	L	G	6	✓	✓				01/22/92/1520	SAM	—
MFQ338	5	L	G	6	✓	✓				01/22/92/1530	SAM	—
MFQ339	5	L	G	6	✓	✓				01/22/92/1530	SAM	—
Shipment for Case complete? (Y/N)		Page 1 of 2		Sample used for a spike and/or duplicate		Additional Sampler Signatures		Chain of Custody Seal Number				

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature)	Date / Time	Received by: (Signature) <i>A.S.</i>	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Received by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is cus

90067497



EPA Form 9110-1 (Rev. 5-91) Replaces EPA Form (2075-6), previous edition which may be used

DISTRIBUTION:

Green - Region Copy Pink - SMO Copy White - Lab Copy Yellow - Lab Copy for Return to SMO

Split Samples ☐ Accepted (Sign)
☐ Declined

1 015620

Inorganic Sample Collection Requirements

"This form replaces both the individual Traffic Report and EPA Chain of Custody Record. If the sampling team elects to use an alternative chain-of-custody form, cross out the bottom portion of this record and indicate that chain-of-custody information is recorded on an alternative form."

Water Samples	Required Volume	Container Type
Metals Analysis (Low Level)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Metals Analysis (Medium Level*)	16 oz.	1 X 16-oz. Wide-Mouth Glass Jar
Extractable Analysis (Medium Level*)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Volatile Analysis (Low or Medium Level*)	16 oz.	1 X 16-oz. Wide-Mouth Glass Jar

Soil/Sediment Samples	Required Volume	Container Type
Metals and Cyanide (CN ⁻) Analysis (Low or Medium Level*)	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar OR 2 X 4-oz. Wide-Mouth Glass Jars

HIGH CONCENTRATION SAMPLE COLLECTION REQUIREMENTS

Liquid or Solid Samples	Required Volume	Container Type
Metals and Cyanide* Analysis	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar



*All Medium and High Level Samples to be Sealed in Metal Can for Shipment

1. Inorganic Sample Collection Requirements

- Aqueous samples require one triple-volume sample per twenty for Matrix Spike/Matrix Spike Duplicate.
- Preserve low level water samples:
 - Total metals Preserve with HNO₃ to pH ≤ 2.
 - Dissolved metals Preserve with HNO₃ to pH ≤ 2. No further digestion required.
 - Cyanide Preserve with 10 NaOH to pH ≥ 12.
- Oily samples must be analyzed under the Special Analytical Services (SAS) program.
- Ship medium and high concentration samples in paint cans.

2. Cooler and Sample Documentation

- Complete all sections of the Traffic Report/Chain of Custody Form - Press firmly with a ball point pen to ensure that carbon copies are legible. Check the information and correct any errors.
- Please remember to complete the Chain of Custody information on the form.
- Seal the two sets of laboratory Traffic Report/Chain of Custody form copies in a plastic bag. Include a return address for the cooler. Tape bag under cooler lid.
- Overlap the lid and bottle and bottle of each sample container with custody seals.
- Seal each container in a plastic bag.
- Pack medium and high concentration samples in metal cans.
- Separate and surround cooler contents with vermiculite or equivalent packaging.
- Seal the cooler, overlapping the lid and body with custody seals.
- Send SMO the pink copy of the Traffic Report within 5 days.
- In column E RAS analysis indicate number of sample bottles sent for analysis.

3. Sample Shipment Reporting

- PHONE IN ALL SHIPMENTS IMMEDIATELY TO SMO (or to RSCC, if instructed)

Required information:

Case (and/or SAS) Number
Date shipped
Number of samples by concentration and matrix
Carrier and airbill number
Next planned shipment

Leave your name and a number where you can be reached.

- Information for SATURDAY DELIVERIES must be phoned in by 3:00 PM. (Eastern) the preceding FRIDAY.
- Report any delays or changes of scope (i.e., changes in number of samples to be collected, matrix changes, etc.)
- CALL IF YOU HAVE ANY QUESTIONS

USEPA Contract Laboratory Program
Sample Management Office
P.O. Box 818
Alexandria, VA 22313
Phone: (703) 557-2490
(703) 684-5678
FAX: (703) 683-0378



United States Environmental Protection Agency
Contract Laboratory Program Sample Management Office
PO Box 818 Alexandria, VA 22313
703-557-2490 FTS 557-2490

Inorganic Traffic Report & Chain of Custody Record

(For Inorganic CLP Analysis)

SAS No.
(if applicable)

Case No.

17700

1. Project Code NK	Account Code	2. Region No. 6	Sampling Co. NMED	4. Date Shipped 1/23/92	Carrier FED EXPRESS	6. Preservative (Enter in Column D) 1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. K2CR2O7 <u>6. Ica only</u> 7. Other (SAS) (Specify) N. Not preserved	7. Sample Description (Enter in Column A) 1. Surface Water 2. Ground Water 3. Leachate 4. Rinsate 5. Soil/Sediment 6. Oil (SAS) 7. Waste (SAS) 8. Other (SAS) (Specify)					
Regional Information		Sampler (Name) Susan A Morris		Airbill Number 062789966								
Non-Superfund Program		Sampler Signature <i>Susan A Morris</i>		5. Ship To Diana Smedra Natural Resources LAB 409 Corporate Circle Golden, Colorado 80401								
Site Name Gulfon Industries		4. Type of Activity Remedial Removal SF <input type="checkbox"/> Lead <input type="checkbox"/> Pre-Remedial <input type="checkbox"/> RIFS <input type="checkbox"/> CLEM <input type="checkbox"/> PRP <input type="checkbox"/> PA <input type="checkbox"/> RD <input type="checkbox"/> REMA <input type="checkbox"/> ST <input type="checkbox"/> SSI <input checked="" type="checkbox"/> RA <input type="checkbox"/> REM <input type="checkbox"/> FED <input type="checkbox"/> LSI <input type="checkbox"/> O&M <input type="checkbox"/> OIL <input type="checkbox"/> NPLD <input type="checkbox"/> UST <input type="checkbox"/>										
City, State Albq. NM	Site Spill ID											
CLP Sample Numbers (from labels)	A Enter # from Box 7	B Conc. Low Med High	C Sample Type: Comp./Grab	D Preservative from Box 6	E - RAS Analysis Metals: Total Dissolved Cyanide Nitrate/Nitrite Fluoride pH Conductivity Low Conc. High		F Regional Specific Tracking Number or Tag Numbers	G Station Location Number	H Mo/Day/Year/Time Sample Collection	I Sampler Initials	J Corresp. CLP Org. Samp. No.	K Designated Field QC
MFQ340	5	L	G	6	✓	✓		6-005273	11	1/22/92/1540	SAM	—
MFQ324	5	L	Comp	6	✓	✓		-74	12	1/22/92/1440	SAM	—
MFQ333	5	L	Comp	6	✓	✓		-75	13	1/22/92/1450	SAM	—
MFQ324	5	L	G	6	✓	✓		-76	14	1/22/92/1600	SAM	D of MFQ328
MFQ333	5	L	G	6	✓	✓		-77	15	1/22/92/1605	SAM	—
MFQ332	5	L	G	6	✓	✓		-78	16	1/22/92/1600	SAM	—
MFQ311	5	L	G	6	✓	✓		-79	17	1/22/92/0930	SAM	—
MFQ312	5	L	G	6	✓	✓		-80	18	1/22/92/10950	SAM	—
MFQ313	5	L	G	6	✓	✓		-81	19	1/22/92/10900	SAM	—
MFQ314	5	L	G	6	✓	✓		-82	20	1/22/92/10910	SAM	—
Shipment for Case complete? (Y/N) yes		Page 1 of PAGE 2 of 2		Sample used for a spike and/or duplicate (14) MFQ334		Additional Sampler Signatures —		Chain of Custody Seal Number				

CHAIN OF CUSTODY RECORD

Relinquished by: (Signature) <i>Susan A Morris</i>	Date / Time 1/23/92	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Received by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

EPA Form 9110-1 (Rev. 5-91) Replaces EPA Form (2075-6), previous edition which may be used

DISTRIBUTION:

Green - Region Copy Pink - SMO Copy White - Lab Copy Yellow - Lab Copy for Return to SMO

Split Samples ☐ Accepted (Signature)

☐ Declined

I 015623

Inorganic Sample Collection Requirements

"This form replaces both the individual Traffic Report and EPA Chain of Custody Record. If the sampling team elects to use an alternative chain-of-custody form, cross out the bottom portion of this record and indicate that chain-of-custody information is recorded on an alternative form."

Water Samples	Required Volume	Container Type
Metals Analysis (Low Level)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Metals Analysis (Medium Level*)	16 oz.	1 X 16-oz. Wide-Mouth Glass Jar
Extractable Analysis (Medium Level*)	1 Liter	1 X 1-Liter Polyethylene Bottle OR 2 X 500-ml. Polyethylene Bottle
Volatile Analysis (Low or Medium Level*)	16 oz.	1 X 16-oz. Wide-Mouth Glass Jar

Soil/Sediment Samples	Required Volume	Container Type
Metals and Cyanide (CN ⁻) Analysis (Low or Medium Level*)	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar OR 2 X 4-oz. Wide-Mouth Glass Jars

HIGH CONCENTRATION SAMPLE COLLECTION REQUIREMENTS

Liquid or Solid Samples	Required Volume	Container Type
Metals and Cyanide* Analysis	6 oz.	1 X 8-oz. Wide-Mouth Glass Jar



*All Medium and High Level Samples to be Sealed in Metal Can for Shipment

1. Inorganic Sample Collection Requirements

- Aqueous samples require one triple-volume sample per twenty for Matrix Spike/Matrix Spike Duplicate.
- Preserve low level water samples:
 - Total metals: Preserve with HNO_3 to $\text{pH} \leq 2$.
 - Dissolved metals: Preserve with HNO_3 to $\text{pH} \leq 2$. No further digestion required.
 - Cyanide: Preserve with 10 NaOH to $\text{pH} \geq 12$.
- Oily samples must be analyzed under the Special Analytical Services (SAS) program.
- Ship medium and high concentration samples in paint cans.

2. Cooler and Sample Documentation

- Complete all sections of the Traffic Report/Chain of Custody Form - Press firmly with a ball point pen to ensure that carbon copies are legible. Check the information and correct any errors.
- Please remember to complete the Chain of Custody information on the form.
- Seal the two sets of laboratory Traffic Report/Chain of Custody form copies in a plastic bag. Include a return address for the cooler. Tape bag under cooler lid.
- Overlap the lid and bottle and each sample container with custody seals.
- Seal each container in a plastic bag.
- Pack medium and high concentration samples in metal cans.
- Separate and surround cooler contents with vermiculite or equivalent packaging.
- Seal the cooler, overlapping the lid and body with custody seals.
- Send SMO the pink copy of the Traffic Report within 5 days.
- In column E RAS analysis indicate number of sample bottles sent for analysis.

3. Sample Shipment Reporting

- PHONE IN ALL SHIPMENTS IMMEDIATELY TO SMO (or to RSCC, if instructed)

Required information:

Case (and/or SAS) Number
Date shipped
Number of samples by concentration and matrix
Carrier and airbill number
Next planned shipment

Leave your name and a number where you can be reached.

- Information for SATURDAY DELIVERIES must be phoned in by 3:00 PM. (Eastern) the preceding FRIDAY.
- Report any delays or changes of scope (i.e., changes in number of samples to be collected, matrix changes, etc.)
- CALL IF YOU HAVE ANY QUESTIONS

USEPA Contract Laboratory Program
Sample Management Office
P.O. Box 818

Alexandria, VA 22313

Phone: (703) 557-2490

(703) 684-5678

FAX: (703) 683-0378